

Converting Colors

CIELCh(59, 7.885, 91.315)

Have a look what the booklet for
CIELCh(59, 7.885, 91.315) contains.

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Color

CIELCh(59, 8.254, 92.065)

Conversions

Conversions Part 1

Format	Color
Hex	948E80
RGB	148, 142, 128
RGB Percent	58%, 56%, 50%
CMY	0.4212, 0.4447, 0.4996
CMYK	0.00, 0.04, 0.14, 0.42
HSL	42°, 9%, 54%
HSV	42°, 14%, 58%
XYZ	25.6182, 27.0277, 24.1485
YIQ	142.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

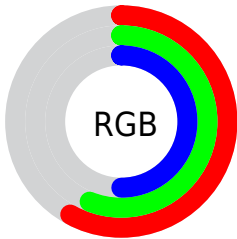
Format	Color
RYB	137, 148, 128
Decimal	9735808
CIELab	59.00, -0.30, 8.25
CIELCh	59, 8.254, 92.065
Yxy	27.0277, 0.3336, 0.3519
Android (android.graphics.Color)	4287925888 (0xFF948E80)
YUV	142.1980, -6.9996, 5.0884
Hunter-Lab	51.9882, -3.0200, 8.8516

Details

The CIELCh color $[59, 8.254, 92.065]$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $[56, 8.279, 275.472]$, and the grayscale version is $[59, 0.008, 296.813]$.

A 20% lighter version of the original color is $[79, 8.279, 93.470]$, and $[39, 8.219, 93.199]$ is the 20% darker color. If you saturate the color by 10%, you get $[57, 14.473, 90.844]$, and if you desaturate by 10%, it is $[61, 2.136, 93.216]$.

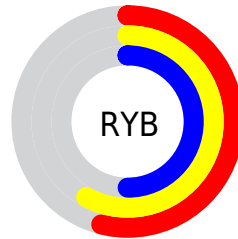
Distribution



Red (58%)

Green (56%)

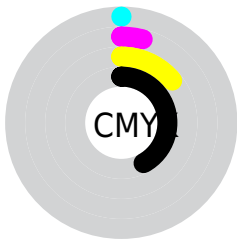
Blue (50%)



Red (54%)

Yellow (58%)

Blue (50%)

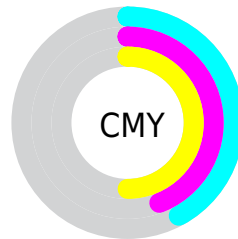


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 8.254, 92.065 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 59, 8.254, 92.065 by changing the saturation by 10% instead.

 59, 8.254, 92.065  59, 8.254, 92.065

 100, 8.254, 92.065  49, 8.254, 92.065

 79, 8.254, 92.065  39, 8.254, 92.065

 89, 8.254, 92.065  29, 8.254, 92.065


 99, 8.254, 92.065  19, 8.254, 92.065

 9, 8.254, 92.065

 0, 8.254, 92.065

 59, 8.254, 92.065  59, 8.254, 92.065

 57, 14.473, 90.844  61, 2.136, 93.216

 56, 20.771, 89.569  62, 3.878, 274.499

■ 54, 27.110, 88.257

■ 64, 9.788, 275.580

■ 53, 33.410, 86.907

■ 66, 15.600,
276.633

■ 52, 39.521, 85.508

■ 67, 21.317,
277.639

■ 50, 45.183, 84.031

■ 49, 49.977, 82.412

■ 69, 26.948,
278.596

■ 48, 53.348, 80.536

■ 71, 32.497,
279.505

■ 47, 55.153, 79.290

■ 72, 37.971,
280.364

■ 74, 40.584,
279.807

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 8.254, 92.065



56, 8.279, 275.472

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 8.254, 92.065



59, 8.254, 142.065



59, 8.254, 272.065



59, 8.254, 322.065

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 8.255, 92.076



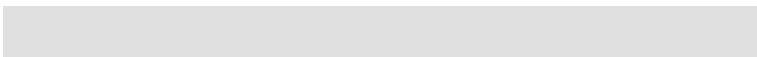
77, 2.981, 93.164



55, 8.713, 357.203



41, 2.138, 93.091



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 8.255, 92.076



74, 12.077, 91.739



60, 11.330, 117.100



31, 3.435, 92.592



44, 52.455, 79.461



2, 2.991, 93.709

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 8.279, 275.472



69, 12.113, 275.871



54, 11.652, 298.959



29, 3.446, 274.887



22, 63.527, 297.523



1, 2.992, 273.715

Previews

White Background



This preview shows how the CIELCh color 59, 8.254, 92.065 looks on a white background.

Color Contrast Check

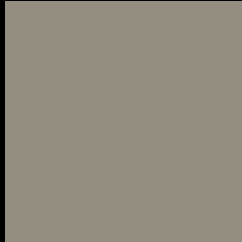
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 8.254, 92.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

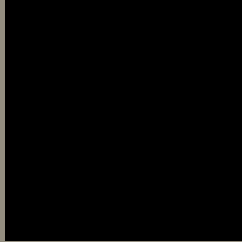
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

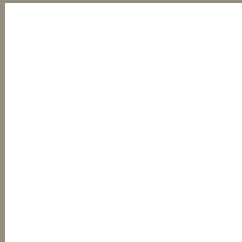
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 8.254, 92.065

Background



This preview shows how black text looks on a background with the CIELCh color 59, 8.254, 92.065.



This preview shows how white text looks on a background with the CIELCh color 59, 8.254, 92.065.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


59, 8.254, 92.065

Protanopia

59, 8.254, 92.065

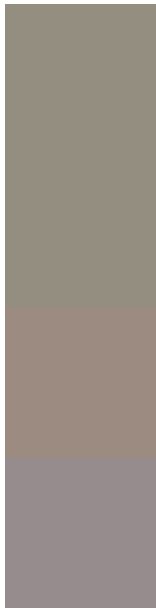
Deuteranopia

59, 10.885, 44.624



Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 8.254, 92.065

Protanomaly
59, 8.254, 92.065

Deuteranomaly
59, 9.356, 61.255

Tritanomaly
59, 4.490, 5.205

Monochromacy



Original Color
59, 8.254, 92.065

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.921, 94.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 8.254, 92.065 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 8.254, 92.065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 142, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 142, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 8.254, 92.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
142, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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